

SEALED LEAD-ACID BATTERY - SERVICING

1. General

- A. Some airplanes may incorporate a sealed lead-acid battery. This 24.0 VDC battery is maintenance free and is rated at 40 ampere-hours.

2. Description

- A. The battery is a recombinant gas (RG) absorbed electrolyte battery. Because the electrolyte is absorbed in glass mat (AGM) separators, no leakage will occur even if the case is cracked or damaged through mishandling.
- B. The battery is equipped with overboard vent lines which connect to the vent fittings on the battery case.
 - (1) The battery case is located on the right side of the forward firewall. This case incorporates integral firewall hinges which allows the battery (and case) to swing out from the firewall.

3. Servicing

- A. This sealed battery, when installed in the airplane, requires no routine maintenance or servicing. However, after time limits have been reached as defined in Chapter 5, Inspection Time Limits, a capacity check shall be performed to ensure continuing airworthiness beyond this point.

NOTE: Batteries are serviced and charged at the factory prior to shipment. However, batteries in storage should be boost charged every 90 days.

- B. For charging instructions and battery capacity checks, refer to Chapter 24, Sealed Lead- Acid Battery - Maintenance Practices.